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Enjoy your MP3/WMA files on CD or MP3 player on the water. Connect easily to SiriusXM™1 satellite radio to stream your favorite channels on the go with the Sony®CDX-M20.

Bullets

- Detach face with LCD display and front aux input
- MP3/WMA music file playback
- UV Resistant front panel coating
- Conformal coated circuit board protection
- SiriusXM™ Satellite radio connector ready[1]
- EQ3 Stage 2 and 52 Watts x 4 high power amplifier
- 2 Volt rear/sub selectable preamp outputs with HPF/LPF
- Radio Data System (RDS)
- Convenient wireless remote (RM-X201)
- Blue key illumination

Features

Detach face with front aux input

The easy-to-read single line LCD display shows clock, station ID and track data when playing back your digital MP3/WMA files. Front auxiliary input lets you connect almost any portable audio device to your sound system.

MP3/WMA music playback

Play CDs, CD-Rs, and CD-RWs, including discs loaded with digital MP3s and WMA files.

UV Resistant Coating

UV Resistant front panel coating protects faceplate to help prevent discoloration from the sun. Meets the standard for ASTM G154 for UV resistance.

Conformal Circuit board coating

Conformal coated circuit boards protect the electronic assembly from damage due to contamination, salt spray, moisture, fungus, dust and corrosion caused by harsh or extreme environments.

SiriusXM™ Satellite radio[1]

The on-board SiriusXM™ connector[1] simplifies satellite radio installation by eliminating compatibility issues and provides direct connection to the new platform of tuners.

Internal high power and EQ

The CDX-M20 delivers 52 watts of peak power to all four speakers for powerful output (208 watts total power). The 3 band EQ3 allows users to customize the sound centered at 60 Hz, 1000 Hz and 10 kHz frequencies.

RCA outputs for external amplifiers

When you're ready to expand your system, the CDX-M20 offers selectable rear or subwoofer pre-amp RCA outputs for external amplifiers. Set the built in electronic HPF/LPF crossovers to improve sound quality and reduce system distortion.

Radio Data System

Radio Data System (RDS) feature displays radio broadcast information such as artist and track information when listening to compatible AM/FM stations. RDS also allows expanded channel playback with compatible radio station broadcasts.

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Wireless card remote

Control your receiver with the included wireless card remote (RM-X201).

Key illumination

Blue key illumination helps you locate buttons quickly during evening playback.

Specifications

Amplifier Section	
Max power output	52 watts x 4 at 4 ohms
Power Ad Hoc	CEA2006 Standard Power: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Speaker Impedance	4-8 Ohms
AMP & General Feature	
Aux-In	Yes (Front)
EQ	EQ3: 3 band EQ with +/- 10 dB adjustment at 60 Hz, 1 kHz and 10 kHz.
High Pass Filter	Selectable on/off at: 80, 100, 120, 140 or 160 Hz.
Loudness	Yes
Low Pass Filter	Selectable on/off at: 80, 100, 120, 140 or 160 Hz.
Output Power (4ohm, 1kHz,16V)(W)	52 watts x 4
Pre Out	(1) Rear / Sub switchable
Rear/Sub initial	Sub
Sirius/XM Connector	Yes
Audio	
Band	AM / FM
Equalizer	EQ3:3 band EQ with +/- 10 dB adjustment at 60 Hz, 1 kHz and 10 kHz.
Format(s) Supported	MP3/WMA files
Preout Impedance	220 ohms
Preout Voltage	2 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Signal-to-Noise Ratio (dB)	CD: 120 dB
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	FM (MHz): 87.5-107.9 AM (kHz): 530-1710
Tuner Type	SSIR-EXA with RDS
Wow and Flutter	Below measurable limit
AUX in Feature	
Level Adjustment	Yes (-8dB / +18dB)
Convenience	
Tilt Range	0-45° mounting angle
Convenience Features	
Dimmer Adjust	Manual - on/off
Key Illumination	Blue
On-Screen Clock	12H
Display	
Display Color	White color / Positive
Display Technology	LCD

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Text Displayed	Source, artist, track, playback time, menu and clock
Text Lines	1 line of information
Display Panel	
Auto off mode	Yes
Dimmer Adjust	Manual
Panel Design	
Display color (Color Variation/Nega or Posi)	White color / Positive
Display Device (LCD/FL/OEL/TFT)	LCD
Key Illumination	Blue
Panel finish color	Black (Bare)
General	
CEA2006 output power	17
CEA2006 S/N	80
Dimensions (WxHxD) (mm)	178x50x180
Maximum output power (4ohm, 1kHz, 16V)(W)	52
Mounting dimensions (WxHxD)(mm)	182 x 53 x 162
Preout impedance (ohms)	220
Preout output level (V)	2
Weight (kg)	1.2
Inputs and Outputs	
12V Trigger Output(s)	Power amplifier turn on
Antenna Terminal(s)	AM/FM Antenna Input Terminal
Audio In	Front Aux in with variable level SiriusXM connector
Infrared Port	Wireless remote
RCA Audio Output(s)	Rear/Subwoofer selectable RCA pre-amp outputs
Remote Jack	Optional wired remote terminal
Other Features	
Card Remote ( ): Option	RM-X201
CD lock mode	Yes
Clock	12H
Rotary commander ( ):Option	(RM-X4S)
Security	Detachable
Tuner	
FM Usable Sensitivity	8 dBf
Frequency Response	FM: 20-15,000 Hz
S/N Ratio	80 dB (stereo)
Selectivity	75 dB at 400 kHz
Stereo Separation	50 dB at 1 KHz
FM: Channel separation (dB)	50 dB at 1 kHz
FM: Frequency response (Hz)	20 - 15k
FM: Intermediate frequency (MHz)	25KHz
FM: S/N ratio (mono) (dB)	80 dB stereo
FM: Selectivity (400 kHz) (dB)	75 dB
FM: Tuning range (MHz)	87.5-107.9

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FM: Usable sensitivity (75 ohm) (dBf)	8 dBf
MW: Tuning range(kHz)	530-1710
MW/LW/SW: Sensitivity (75 ohm) MW/LW/SW(uV)	26/-/-

Tuner Feature

Preset	FM18/AM12
RDS/EON (NA Only:RBDS, Others:RDS)	Yes (RBDS)

Weights and Measurements

Dimensions (Approx.)	178 x 50 x 180 mm, 7.125 x 2 x 7.125 inch (w/h/d)
Dimensions (Approx) Depth	7.125" (180 mm)
Dimensions (Approx) Height	2" (50 mm)
Dimensions (Approx) Width	7.125" (178 mm)
Weight (Approx.)	1.2 kg (2 lb. 11 oz.)

Supplied Accessories

Supplied Accessories	Parts for installation and connections (1 set) RM-X201 wireless remote

Optional Accessories

Optional Accessories	Waterproof Stereo Cover: GMD-616

1. Requires antenna and tuner, both sold separately.

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Updated: March 22, 2012